

(C) WPI / DERWENT

AN - 1993-131235 [16]
 AP - JP19910234973 19910913; JP19910234973 19910913; [Previous Publ. JP5070388]
 CPY - JUMO-N
 DC - B02 B05 C02 C03
 FS - CPI
 IC - A01N31/06 ; A01N37/08 ; A01N43/20 ; A01N65/00 ; C07C35/36 ; C07C69/145
 MC - B06-A03 B10-E04A B10-G03 B12-B04 B12-D02 B12-K02
 M2 - [01] D023 D026 D030 D220 G032 G035 G038 G670 H401 H461 J011 J261 M210
 M211 M212 M213 M214 M215 M216 M220 M221 M222 M231 M232 M233 M240 M262
 M281 M283 M320 M412 M415 M510 M511 M520 M530 M540 M541 M710 M903 M904
 P330 P332 P431 P822; 02105; 9316-21101-N
 PA - (JUMO-N) JUMOKU CHUSHUTSU SEIBUN RIYO
 PN - JP5070388 A 19930323 DW199316 C07C35/36 005pp
 - JP2958169B2 B2 19991006 DW199947 A01N31/06 005pp
 PR - JP19910234973 19910913
 XA - C1993-058474
 XIC - A01N-031/06 ; A01N-037/08 ; A01N-043/20 ; A01N-065/00 ; C07C-035/36 ;
 C07C-069/145
 AB - JP05070388 Miticidal agents contain cadinol derivs. of formula (I), in
 (I), R = H or lower acyl gp. A = single or double bond, or epoxy ring,
 cpds. (I) are partic. T-, alpha-, dihydro-T-, and
 dihydro-alpha-cadinols.
 - Cpds. (I) are used to prepare prepns. e.g. emulsions, powder prepns.
 and aerosols, using carriers and additives at concns. of 10-100
 (40-60) wt. % and are applied at concns. of 1-100 (5-20) g/m2 to
 bedding and clothes.
 - USE/ADVANTAGE - Cpds. (I) are effective against mites or ticks,
 partic. dermatophagoides pteronyssius for preventing childrens
 bronchial asthma and allergic diseases.
 - In an example, cadinols were absorbed in a sheet of filter paper at a
 concn. of 16 micro g/cm2 and placed in a petri dish of nine cm dia.
 and 20-30 dermatophagoides pteronyssius were released. The death rate
 after 24 hrs. were observed and the following results were obtd. The
 death rate for alpha-cadinol was 87% and for T-cadinol was 94%.
 CN - 9316-21101-N
 IW - MITE AGENT CONTAIN ALPHA DI HYDRO DI HYDRO ALPHA DERIVATIVE ACTIVE
 MITE TICK JUVENILE BRONCHIAL ASTHMA ALLERGIC DISEASE
 IKW - MITE AGENT CONTAIN ALPHA DI HYDRO DI HYDRO ALPHA DERIVATIVE ACTIVE
 MITE TICK JUVENILE BRONCHIAL ASTHMA ALLERGIC DISEASE
 NC - 001
 OPD - 1991-09-13
 ORD - 1993-03-23
 PAW - (JUMO-N) JUMOKU CHUSHUTSU SEIBUN RIYO
 RRL - 02105
 TI - Miticidal agent contg. T-, alpha-, di:hydro-T- and di:hydro-alpha-
 cadinol derivs. - active against mites and ticks e.g. dermatophagoides
 pteronyssius, used for juvenile bronchial asthma and allergic diseases